Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-52. (Cancelled)

53. (Currently Amended) A method, comprising:

receiving a ~~haptic-feedback signal~~ host command at a haptic-feedback device, said haptic-feedback device providing ~~to output~~ a haptic feedback force, the haptic-feedback device configured to provide input data to control a graphical object in a graphical environment on a display screen; [[and]]

determining, with the haptic feedback device, whether the host command includes a filter command having a command parameter, the command parameter including information operated upon by the haptic feedback device to modify ~~selectively filtering~~ the input data to define modified input data ~~based on the haptic-feedback signal to~~ reduce visual disturbance of the graphical object; ~~in the graphical environment when the haptic-feedback device outputs the haptic feedback force.~~

producing the modified input data in response to said filter command being present; and

transmitting the modified input data to the graphical environment.

54. (Cancelled)

55. (Currently Amended) A method, comprising:

receiving a ~~haptic-feedback signal~~ host command at a haptic-feedback device, ~~wherein~~ the haptic-feedback device ~~outputs~~ providing a haptic feedback force, the haptic-feedback device

configured to provide input data to control a graphical object in a graphical environment on a display screen ~~upon receiving the haptic-feedback signal; and~~

~~selectively filtering input data from the haptic-feedback device upon the haptic-feedback device receiving the haptic-feedback signal by time-averaging the input data to create filtered input data, wherein the haptic-feedback device provides the filtered input data to control a graphical object with reduced visual disturbance in a graphical environment shown on a display screen when the haptic feedback force is output by the haptic-feedback device.~~

determining, with the haptic feedback device, whether the host command includes a filter command having a command parameter, the command parameter including information operated upon by the haptic feedback device to modify the input data to define the modified input data;

producing the modified input data by time-averaging the input data; and

transmitting the modified input data to the graphical environment to reduce visual disturbance of the graphical object.

56. (Currently Amended) A method, comprising:

receiving a ~~haptic-feedback signal~~ host command at a haptic-feedback device providing ~~to output~~ a haptic feedback force, the haptic-feedback device configured to provide input data to control a graphical object in a graphical environment shown on a display screen;

determining, with the haptic feedback device, whether the host command includes a filter command having a command parameter, the command parameter including information operated upon by the haptic feedback device to modify the input data to define the modified input data;

producing the modified input data by sampling and holding information corresponding to to movement of the haptic-feedback device; and

transmitting the modified input data to the graphical environment to reduce visual disturbance of the graphical object.

~~selectively filtering the input data to produce a held data value, the filtering including sampling and holding data based on a movement of the haptic feedback device without the output of the haptic feedback force to reduce visual disturbance of the graphical object in the graphical environment when the haptic feedback device outputs the haptic feedback force.~~

57-60. (Cancelled)

61. (Currently Amended) A method, comprising:

receiving a ~~haptic feedback signal~~ host command having a command identifier and a command parameter at a haptic-feedback device;

outputting a haptic-feedback force from the haptic-feedback device based on the ~~haptic feedback signal~~ host command;

~~generating sensor data in response to sensing movement of the haptic feedback device;~~

~~selectively filtering the sensor data according to a disturbance filter process including time averaging the sensor data, the disturbance filter process being associated with the haptic feedback signal, wherein filtering the sensor data is configured to reduce visual disturbance to a graphical object in a graphical environment shown on a display screen when the haptic feedback device outputs the haptic feedback force; and~~

determining, with the haptic feedback device, whether the command parameter includes a filter command selected from a set of filter commands being one of activating a filter routine or disabling the filter routine, with the filter routine being one of having a jolt filter routine, a vibration filter routine or a spatial filter routine;

modifying the input data in response to the command parameter to define the modified input data;

transmitting the modified input data to the graphical environment to reduce visual disturbance of the graphical object; and

updating the graphical environment based on the filtered sensor data.

62-68. (Cancelled)

69. (Currently Amended) The method of claim 53, further comprising determining a position of the graphical object in the graphical environment based on the modified input data.

70. (Cancelled)

71. (Currently Amended) The method of claim 53, wherein the to determine the modified ~~filtering of the~~ input data is performed by a processor local to the haptic-feedback device.

72. (Cancelled)

73. (Previously Presented) The method of claim 53, wherein the haptic feedback signal is correlated with data values associated with an event in the graphical environment.

74. (Currently Amended) The method of claim 53, wherein the determining ~~filtering~~ includes sampling the input data over time according to a sampling rate.

75. (Currently Amended) The method of claim 53, wherein the determining ~~filtering~~ includes time-averaging the input data.

76. (Currently Amended) The method of claim 53, wherein the determining ~~filtering~~ includes sampling and holding a data value derived from the input data based on a movement of the haptic-feedback device to produce a held data value.

77. (Currently Amended) The method of claim 53, wherein the determining ~~filtering~~ includes executing a driver on a processor configured to be in ~~communication with~~ the haptic-feedback device.

78. (Currently Amended) The method of claim 53, further comprising updating a position of the graphical object in the graphical environment based on the modified input data.

79. (Currently Amended) The method of claim 55, further comprising determining a position of the graphical object in the graphical environment based on the modified input data.

80. (Cancelled)

81. (Currently Amended) The method of claim 55, wherein the determining ~~filtering~~ of the input data is performed by a processor local to the haptic-feedback device.

82. (Cancelled)

83. (Cancelled)

84. (Currently Amended) The method of claim 55, wherein the determining ~~filtering~~ includes executing a driver on a processor configured to be in ~~communication with~~ the haptic-feedback device.

85. (Currently Amended) The method of claim 55, further comprising updating a position of the graphical object in the graphical environment based on the modified input data.

86. (Previously Presented) The method of claim 56, further comprising determining a position of the graphical object in the graphical environment based on the input data.

87. (Cancelled)

88. (Currently Amended) The method of claim 56, wherein the determining ~~filtering~~ of the input data is performed by a processor local to the haptic-feedback device.

89. (Cancelled)

90. (Cancelled)

91. (Currently Amended) The method of claim 56, wherein the determining ~~filtering~~ includes executing a driver on a processor configured to be in ~~communication with~~ the haptic-feedback device.

92. (Currently Amended) The method of claim 56, further comprising updating a position of the graphical object in the graphical environment based on the modified input data.

93. (Currently Amended) The method of claim 61, further comprising determining a position of the graphical object in the graphical environment based on the ~~sensor~~ modified input data.

94. (Cancelled)

95. (Currently Amended) The method of claim 61, wherein the to determine the modified input data ~~filtering of the sensor data~~ is performed by a processor local to the haptic-feedback device.

96. (Cancelled)

97. (Cancelled)

98. (Currently Amended) The method of claim 61, wherein the determining ~~filtering~~ includes executing a driver on a ~~computer~~ processor configured to be in ~~communication with~~ the haptic-feedback device.

99. (Currently Amended) The method of claim 61, further comprising updating a position of the graphical object in the graphical environment based on the ~~sensor~~ modified input data.

Claims 100-101. (Cancelled)